

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100164
Location: RUTLAND CITY PD
Calibration Date: 07/19/2016
Certification Date: 07/19/2016
Installation Date: 07/25/2016
RPC Date: 10/03/2016
Supervisor Name: CHARLES G WHITEHEAD

Diagnostic Results

VERSIONS
DMT: 2.00
PIC: 2.06
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.9°C
Breath Tube = 43.4°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.78 V
Cooler Voltage = 1.81 V
Bias Voltage = 80 V
Chopper Freq = 541 Hz

PUMP INFO

Flow Rate = 5.678 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.0797	0.0833
MIN(V)	0.0778	0.0817

FILTER INFO

Filter	Value	Zero
Filter 1	0.082	true
Filter 2	0.318	true
Filter 3	0.764	true

CALIBRATION CHECK

Xq = 0.089 0.68%

Routine Performance Check Passed

Accuracy and Precision Check

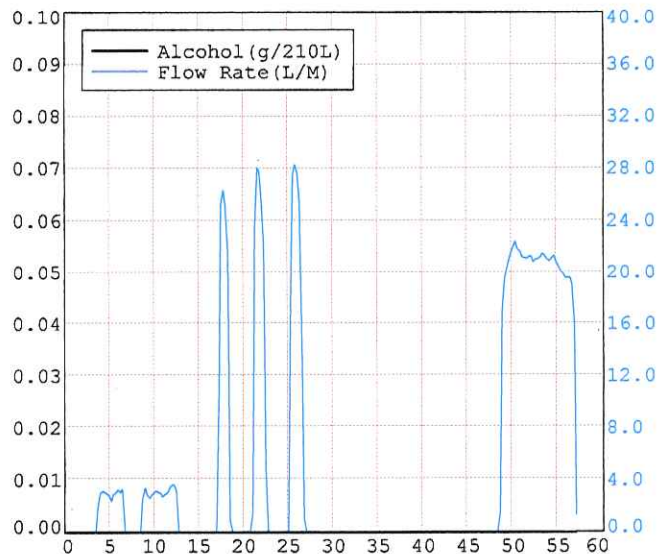
Concentration	= 0.099 g/210L
Lot #	= 16-05-100
Range	= 0.094 - 0.104
Average	= 0.099 g/210L
Std Dev	= 0.0005

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by

Charles G Whitehead

Date

10/03/2016

Reviewed by

[Signature]

Date

10/4/16

DMT Serial Number #100164

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Supervisor Name: CHARLES G WHITEHEAD

Diagnostic Results

VERSIONS
DMT: 2.00
PIC: 2.06
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.7°C
Breath Tube = 44.5°C
Digital Sim = 34.1°C

SETTINGS

Lamp Voltage = 1.78 V
Cooler Voltage = 1.81 V
Bias Voltage = 80 V
Chopper Freq = 542 Hz

PUMP INFO

Flow Rate = 5.686 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.0764	0.0795
MIN(V)	0.0750	0.0772

FILTER INFO

Filter 1	0.078	Zero = true
Filter 2	0.313	Zero = true
Filter 3	0.759	Zero = true

CALIBRATION CHECK

Xq = 0.090 0.10%

Routine Performance Check Failed

Accuracy and Precision Check

Concentration
Lot #
Range
Average
Std Dev

Performed by

A handwritten signature in black ink, appearing to read "Charles G. Whitehead".

Date

10/03/2016

Reviewed by

Date

Re: October RPC Question

Whitehead, Charles

Tue 10/4/2016 11:50 AM

To: Driscoll, Rob <Rob.Driscoll@vermont.gov>;

the simulator timed out, I re-set the jar and it worked properly.

Sergeant Charles Whitehead
Rutland City Police Department
108 Wales St Rutland City, VT 05701
Phone# 802-773-1816
Email: Charles.Whitehead@vermont.gov

From: Driscoll, Rob
Sent: Tuesday, October 4, 2016 8:18 AM
To: Whitehead, Charles
Subject: October RPC Question

Charles,

In reviewing your October RPC, I noticed that your first attempt failed. Can you please give me a brief description as to why the first attempt failed?

Thanks,
Rob

Robert Driscoll
Vermont Forensic Laboratory
45 State Drive
Waterbury, VT 05671
Electronics Technician
Rob.Driscoll@Vermont.gov
Desk: (802) 241-5817
Cell: (802) 585-0123

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